L Numb r	Hits	S arch Text	DB	Time stamp
1	78	(mem mems micro adj   ctrical and	USPAT;	2003/02/03
•		m chanical microel ctrical adj mechanical	US-PGPUB;	09:10
		micro adj el ct mechanical) and	EPO; JPO;	
		M chanical n ar reson\$4 NEAR fr qu ncy	DERWENT;	
			IBM_TDB	
2	49	((mem mems micro adj electrical and	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:11
		micro adj electomechanical) and	EPO; JPO;	
		Mechanical near reson\$4 NEAR frequency	DERWENT;	
		) and switch	IBM_TDB	
3	77	(mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:14
		micro adj electomechanical) and	EPO; JPO;	
		Mechanical near reson\$4 NEAR frequency	DERWENT;	
			IBM_TDB	
4	0	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:11
		micro adj electomechanical) and	EPO; JPO;	
		Mechanical near reson\$4 NEAR frequency	DERWENT;	
		) and switch not (((mem mems micro adj	IBM_TDB	
		electrical and mechanical microelectrical		
		adj mechanical micro adj electomechanical)		
		and Mechanical near reson\$4 NEAR		
		frequency		
1		) and switch )		
5	49	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:11
		micro adj electomechanical) and	EPO; JPO;	
		Mechanical near reson\$4 NEAR frequency	DERWENT;	
		) and switch	IBM_TDB	
6	51	3not (((mem mems micro adj electrical and	USPAT;	2003/02/03
İ		mechanical microelectrical adj mechanical	US-PGPUB;	0 <del>9</del> :12
		micro adj electomechanical) and	EPO; JPO;	
İ		Mechanical near reson\$4 NEAR frequency	DERWENT;	
		) and switch )	IBM_TDB	
7	28	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:14
		micro adj electomechanical) and	EPO; JPO;	
		Mechanical near reson\$4 NEAR frequency	DERWENT;	
		) not (((mem mems micro adj electrical and	IBM_TDB	
		mechanical microelectrical adj mechanical		
		micro adj electomechanical) and		
		Mechanical near reson\$4 NEAR frequency		
		) and switch )		
8	4849	(mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	10:59
		micro adj   ctomechanical) and switch	EPO; JPO;	
			DERWENT;	
			IBM_TDB	

		<u> </u>	·	T :
9	369	((m m m ms micro adj   ctrical adj	USPAT;	2003/02/03
		m chanical micro I ctrical adj m chanical	US-P PUB;	09:22
		micr adj I ct m chanical) and switch )	EPO; JPO;	
		and r s n\$6 n ar frequ ncy	DERWENT;	
			IBM_TDB	
10	26	(((mem m ms micro adj   ctrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:18
		micro adj electomechanical) and switch )	EPO; JPO;	
		and reson\$6 near frequency ) and	DERWENT;	
		333/\$.ccls.	IBM_TDB	
11	14	((((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:20
		micro adj electomechanical) and switch )	EPO; JPO;	
		and reson\$6 near frequency ) and	DERWENT;	
		333/\$.ccls. ) and voltage with frequency	IBM_TDB	
12	152	(((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:23
		micro adj electomechanical) and switch )	EPO; JPO;	
		and reson\$6 near frequency ) and voltage	DERWENT;	
		near8 frequency	IBM_TDB	
13	62	(((mem mems micro adj electrical adj	USPAT:	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:28
		micro adj electomechanical) and switch )	EPO; JPO;	
		and reson\$6 near frequency ) and voltage	DERWENT;	
		near8 reson\$6 adj_frequency	IBM_TDB	
14	64	(((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB:	09:29
		micro adj electomechanical) and switch )	EPO; JPO;	
		and reson\$6 near frequency ) and signal	DERWENT;	
		near8 reson\$6 adj_frequency	IBM_TDB	
15 '	33	((((mem mems micro adj electrical adj	USPAT;	2003/02/03
	00	mechanical microelectrical adj mechanical	US-PGPUB;	09:29
		micro adj electomechanical) and switch )	EPO; JPO;	00.20
		and reson\$6 near frequency ) and signal	DERWENT;	
		near8 reson\$6 adj frequency) not (((mem	IBM_TDB	
		mems micro adj electrical adj mechanical	10111_100	
		microelectrical adj mechanical micro adj		
		electomechanical) and switch ) and reson\$6		
		near frequency ) and voltage near8 reson\$6		
46	70	adj frequency)	HEDAT	2002/02/02
16	70	(mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:37
		micro adj electomechanical).ti. and switch	EPO; JPO;	
		and frequency	DERWENT;	
			IBM_TDB	0000/05/05
17	65	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:31
i		micro adj electomechanical).ti. and switch	EPO; JPO;	
		and fr qu ncy ) and (v Itag signal)	DERWENT;	
			IBM_TDB	

18	39	((m m m ms micr adj l ctrical adj	USPAT;	2003/02/03
		m chanical micro lectrical adj m chanical	US-PGPUB;	09:32
		micr adj el ct m chanical).ti. and switch	EPO; JPO;	
		and fr qu ncy ) and (voltage signal)with	DERWENT;	
		fr qu ncy	IBM_TDB	
19	39	((m m mems micro adj el ctrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:35
		micro adj electomechanical).ti. and switch	EPO; JPO;	
		and frequency ) and (voltage signal) with	DERWENT;	
		frequency	IBM_TDB	
20	6	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:35
		micro adj electomechanical).ti. and switch	EPO; JPO;	
		and frequency ) and (voltage signal) with	DERWENT;	
		reson\$5 adj frequency	IBM_TDB	
21	5	(mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	09:39
		micro adj electomechanical).ti. and (voltage	EPO; JPO;	
		signal) near5 reson\$5 adj frequency	DERWENT;	
		signal) heard resoned auf hequency	IBM_TDB	
22	35	(mem mems micro adj electrical adj	USPAT;	2003/02/03
22	35	mechanical microelectrical adj mechanical	US-PGPUB;	09:42
		micro adj electomechanical).ti. and control	EPO; JPO;	00.42
		adj signal	DERWENT;	
		auj Signai	IBM TDB	
23	15	333/259.ccls. and frequency	USPAT;	2003/02/03
23	15	333/239.ccis. and frequency	US-PGPUB;	09:45
			EPO; JPO;	00.40
			DERWENT;	
			IBM_TDB	
24	211	333/262.ccls. and frequency	USPAT;	2003/02/03
27		333/202.0013. and frequency	US-PGPUB;	09:46
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
25	134	333/262.ccls. and (voltage signal) with	USPAT;	2003/02/03
23	134	frequency	US-PGPUB;	09:46
		nequelicy	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
26	39	333/262.ccls. and reson\$6 adj frequency	USPAT;	2003/02/03
26	39	333/202.CCIS. Allu resolito auj Trequency	US-PGPUB;	09:52
			EPO; JPO;	USIJE
			DERWENT;	
			IBM_TDB	
37		222/250 colo and recents adi fragueres		2003/02/03
27	2	333/259.ccls. and reson\$6 adj frequency	USPAT; US-PGPUB;	09:52
			1	U3.J£
			EPO; JPO;	
			DERWENT;	
L			IBM_TDB	

28	643	switch.ti. and reson\$6 adj fr quency	USPAT;	2003/02/03
			US-PGPUB;	09:54
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
29	42	(switch.ti. and r s n\$6 adj fr qu ncy) and	USPAT;	2003/02/03
		(mem mems)	US-PGPUB;	09:54
	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
30	173	switch same reson\$6 adj frequency and	USPAT;	2003/02/03
		333/\$.ccls.	US-PGPUB;	09:58
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
31	131	(switch same reson\$6 adj frequency and	USPAT;	2003/02/03
		333/\$.ccls.) and (voltage signal) near6	US-PGPUB;	10:00
		frequency	EPO; JPO;	
			DERWENT;	
*			IBM_TDB	
32	5	(mem mems microelectromechanical micro	USPAT;	2003/02/03
		adj electromechanical micro adj machined	US-PGPUB;	10:09
		microelectrical) with voltage adj supply	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
33	382	(mem mems microelectromechanical micro	USPAT;	2003/02/03
		adj electromechanical micro adj machined	US-PGPUB;	10:05
		microelectrical) with control adj ( voltage	EPO; JPO;	
		signal)	DERWENT;	
0.4		007/407	IBM_TDB	00000000
34	14	307/125.ccls. and reson\$7 near frequency	USPAT;	2003/02/03
			US-PGPUB;	10:10
			EPO; JPO; DERWENT;	
			1	
35	2498	(mem mems micro adj electrical adj	IBM_TDB USPAT;	2003/02/03
33	2490	mechanical micro adj electrical adj	US-PGPUB;	10:25
		micro adj electomechanical	EPO; JPO;	10.23
		microelectromechanical) and AC	DERWENT;	
		initional and Au	IBM_TDB	
36	207	(mem mems micro adj electrical adj	USPAT;	2003/02/03
30	207	mechanical microelectrical adj mechanical	US-PGPUB;	10:13
		micro adj electomechanical	EPO; JPO;	
		microelectromechanical) same AC	DERWENT;	
			IBM_TDB	
37	107	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	10:14
		micro adj electomechanical	EPO; JPO;	
		micr I ctromechanical) sam AC) and AC	DERWENT;	
		and fr quency	IBM_TDB	
<u> </u>	_1			L.,

38	42	((m m m ms micr adj l ctrical adj m chanical micro l ctrical adj m chanical micro adj l ctom chanical micr l ctromechanical) sam AC) and AC	USPAT; US-P PUB; EP ; JPO; DERWENT;	2003/02/03 10:15
39	17	with fr qu ncy ("5253104"   "5537083"   "5659195"   "5861981"   "5864581"   "5933552"   "5943223"   "5969834"   "6016213"	IBM_TDB USPAT	2003/02/03 10:19
		"6061171"   "6115174"   "6127811"   "6151157"   "6160659"   "6198570"   "6215581"   "6311555").PN.		
40	92	(mem mems micro adj electrical adj mechanical microelectrical adj mechanical micro adj electomechanical microelectromechanical) and mechanical adj2 frequency and frequency with ( voltage signal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/03 10:39
41	1	"5537083".PN.	USPAT	2003/02/03 10:29
42	0	(mem mems micro adj electrical adj mechanical microelectrical adj mechanical micro adj electomechanical microelectromechanical) and mechanical adj2 frequency near5 input	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/03 10:40
43	36	(mem mems micro adj electrical adj mechanical microelectrical adj mechanical micro adj electomechanical microelectromechanical) and Reson\$7 adj2	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/02/03 10:53
44	8	frequency near5 input "6160230"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/02/03 10:53
45	4	"6160230" and frequency	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/03 10:54
46	282	(mem mems micro adj electrical adj mechanical microelectrical adj mechanical micro adj electomechanical micromachined microelectromechanical) and (mechanical adj2 frequency reson\$6 adj frequency).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/03 11:11
47	581	Cantilever\$4 and (mechanical adj2 frequency reson\$6 adj frequency).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/03 11:09
48	12	(Cantil ver\$4 and (m chanical adj2 fr quency r son\$6 adj fr qu ncy).clm. ) and sourc near3 (mechanical adj2 frequ ncy res n\$6 adj fr qu ncy)	USPAT; US-P PUB; EP ; JPO; DERWENT; IBM_TDB	2003/02/03 11:10

49	10	(m m m ms micro adj lectrical adj	USPAT;	2003/02/03
		m chanical microel ctrical adj m chanical	US-P PUB;	11:14
		micr adj el ctomechanical micromachin d	EP ; JPO;	
		micr el ctrom chanical) and sourc n ar3	DERWENT;	
		(m chanical adj2 fr quency r s n\$6 adj	IBM_TDB	
		fr qu ncy)	_	
50	9	(mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	11:16
		micro adj electomechanical micromachined	EPO; JPO;	
		microelectromechanical) and supply near3	DERWENT;	
		(mechanical adj2 frequency reson\$6 adj	IBM_TDB	
		frequency)		
51	242	(mem mems micro adj electrical adj	USPAT;	2003/02/03
•		mechanical microelectrical adj mechanical	US-PGPUB;	11:27
		micro adj electomechanical micromachined	EPO; JPO;	
		microelectromechanical) and (voltage	DERWENT;	
		signal) near3 (mechanical adj2 frequency	IBM_TDB	
		reson\$6 adj frequency)	15155	
52	111	((mem mems micro adj electrical adj	USPAT;	2003/02/03
32	• • • • • • • • • • • • • • • • • • • •	mechanical microelectrical adj mechanical	US-PGPUB;	11:17
		micro adj electomechanical micromachined	EPO; JPO;	• • • • • • • • • • • • • • • • • • •
		microelectromechanical) and (voltage	DERWENT;	
		, , ,	IBM_TDB	
		signal) near3 (mechanical adj2 frequency	IBW_IDB	
<b>50</b>	504	reson\$6 adj frequency)) and switch	LICDAT.	2003/02/03
53	584	(mem mems micro adj electrical adj	USPAT;	
		mechanical microelectrical adj mechanical	US-PGPUB;	12:03
		micro adj electomechanical micromachined	EPO; JPO;	
		microelectromechanical) and (ac adj4	DERWENT;	
	400	voltage small\$4 near2 voltage)	IBM_TDB	0000/00/00
54	403	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	11:36
		micro adj electomechanical micromachined	EPO; JPO;	
		microelectromechanical) and (ac adj4	DERWENT;	
		voltage small\$4 near2 voltage) ) and	IBM_TDB	
		switch\$4		
55	89	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	11:36
		micro adj electomechanical micromachined	EPO; JPO;	
		microelectromechanical) and (ac adj4	DERWENT;	
		voltage small\$4 near2 voltage) ) and	IBM_TDB	
		switch\$4 .ab.		
56	331	(mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	11:38
		micro adj electomechanical micromachined	EPO; JPO;	
		microelectromechanical) and (ac adj4	DERWENT;	
		voltage)	IBM_TDB	
57	38	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	11:42
		micr adj lect m chanical micr machin d	EPO; JPO;	
		micr I ctr m chanical) and (ac adj4	DERWENT;	
		voltag )) and switch\$4.ab.	IBM_TDB	

58	63	((m m m ms micr adj lectrical adj	USPAT;	2003/02/03
30		m chanical micr I ctrical adj m chanical	US-PGPUB;	11:47
		micro adj lectomechanical micromachined	EPO; JPO;	
		micr I ctr m chanical) and (ac adj4	DERWENT;	
		v Itag )) and switch\$4 and AC adj4 voltag	IBM_TDB	
		n ar3 frequency	_	
59	0	(mem mems) and switch and movable and	USPAT;	2003/02/03
		mechanical near reson\$6 near frequency	US-PGPUB;	11:49
		and ac adj voltage	EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/00/00
60	18	switch and movable and mechanical near	USPAT;	2003/02/03
		reson\$6 near frequency and ac adj voltage	US-PGPUB;	11:51
			EPO; JPO; DERWENT;	
			IBM TDB	
C4	5	(mem mems) and movable and mechanical	USPAT;	2003/02/03
61	5	near reson\$6 near frequency and ac adj	US-PGPUB;	11:53
		voltage	EPO; JPO;	
		voltage	DERWENT;	
			IBM_TDB	
62	20	switch\$4 and movable and mechanical	USPAT;	2003/02/03
<b>-</b>		near reson\$6 near frequency and ac adj	US-PGPUB;	11:58
		voltage	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
63	7	(mem mems) and switch\$4 and	USPAT;	2003/02/03
		(mechanical near reson\$6 near frequency	US-PGPUB;	12:00
		mechanical near2 frequency) and ac adj	EPO; JPO;	
		voltage	DERWENT;	
			IBM_TDB	
64	149	switch\$4 and (mechanical near reson\$6	USPAT;	2003/02/03
		near frequency mechanical near2	US-PGPUB;	12:01
		frequency) and ac adj voltage	EPO; JPO;	
			DERWENT;	
.=	1	(	IBM_TDB	2002/02/02
65	15	( switch\$4 and (mechanical near reson\$6	USPAT;	2003/02/03 12:01
		near frequency mechanical near2 frequency) and ac adj voltage ) and	US-PGPUB;	12:01
		cantilever\$4	EPO; JPO; DERWENT;	
		Canthever94	IBM_TDB	
66	47	(mem mems micro adj electrical adj	USPAT;	2003/02/03
JU	7/	mechanical microelectrical adj mechanical	US-PGPUB;	12:05
		micro adj electomechanical micromachined	EPO; JPO;	
		microelectromechanical).ti. and (ac adj4	DERWENT;	
		voltage)	IBM_TDB	
67	36	((mem mems micro adj electrical adj	USPAT;	2003/02/03
		mechanical microelectrical adj mechanical	US-PGPUB;	12:09
		micr adj I ctomechanical micromachined	EPO; JPO;	
		micr I ctr m chanical).ti. and (ac adj4	DERWENT;	
		voltag )) and voltag with frequency	IBM_TDB	_

68	3057	(m m m ms) and logic and diff r nt\$4	USPAT;	2003/02/03
		, ,	US-PGPUB;	12:10
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
69	58	(m m m ms) and I gic and diff r ntiat r	USPAT;	2003/02/03
		(4.1	US-PGPUB;	12:11
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
70	46	((mem mems) and logic and differentiator)	USPAT;	2003/02/03
-		and comparator	US-PGPUB;	12:12
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
71	451	(mem mems) same (control drive) adj	USPAT;	2003/02/03
		circuit	US-PGPUB;	12:14
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
72	52	((mem mems) same (control drive) adj	USPAT;	2003/02/03
		circuit ) and gate and comparator	US-PGPUB;	12:15
		, ,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
73	3	"6144545"	USPAT;	2003/02/03
			US-PGPUB;	13:35
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	